We claim:

1 Method of	monitoring a fluid pressure of a tire with a sensor, disposed in conduit
assemblies for conduc	eting fluid to or from the tire, of a tire pressure management system
comprising:	

providing a pulse of compressed fluid to the conduit assemblies, unless a counter exceeds a count, the fluid in the conduit assemblies thereafter having a conduit pressure;

wherein the pulse has a duration that corresponds to a ratio defined by a first predetermined amount divided by a second predetermined amount.

- 2. Method of claim 1, wherein the first predetermined amount corresponds to a pressure shortfall with respect to the target pressure in the conduit assemblies.
- 3. Method of claim 1 wherein the first predetermined amount corresponds to a target pressure less the conduit pressure prior to said providing.
- 4. Method of claim 1, wherein the second predetermined amount corresponds to a pressure increase realized from the a pulse of compressed fluid introduced into the conduit assemblies prior to said providing.
- 5. Method of claim 1, wherein the second predetermined amount corresponds to the conduit pressure prior to said providing less a pressure increase realized from a pulse of compressed fluid introduced to the conduit assemblies prior to said providing.
- 6. Method of claim 1, wherein the duration corresponds to a duration of a pulse of compressed fluid introduced to the conduit assemblies prior to said providing.
- 7. Method of claim 1, further comprising repeating said providing until the conduit pressure equals or exceeds the target pressure.

BEST AVAILABLE

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- 8. Method of claim 1, further comprising repeating said providing until the conduit assemblies and the tire are in fluid communication or equilibrium.
- 9. Method of claim 1, wherein said providing increases fluid pressure in the tire or is sufficient to initiate fluid communication among, via a valve interposed between, the conduit assemblies and the tire.
- 10. Method of claim 1, further comprising determining whether the difference between the conduit pressure and the pressure of the fluid in the conduit following a stabilization period exceeds a limit.
- 11. Method of claim 10, wherein the stabilization period is sufficient to ascertain whether a leak exists in the conduit assemblies.
- 12. Method of claim 10, further comprising logging a leak fault if the difference exceeds the limit.
- 13. Method of claim 10, further comprising defining the current tire pressure as equal to the conduit pressure if the difference does not exceed the limit.
 - 14. Method of claim 1, wherein the counter registers each occurrence of said providing.
- 15. Method of claim 1, further comprising clearing the counter when the conduit pressure equals or exceeds the predetermined amount.

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